



**PATENT**  
Attorney Docket No. **UM-08737**


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: *Theodora Ross et al.*  
Serial No.: 10/767,325  
Filed: 01/29/04  
Entitled: **HIP1 Cancer Markers**

Group No.:  
Examiner:

**INFORMATION DISCLOSURE  
STATEMENT TRANSMITTAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

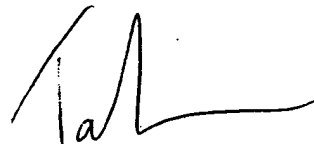
<b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</b>	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: <u>May 7, 2004</u>	By: <u></u> Mary Ellen Waite

Sir or Madam:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

The Information Disclosure Statement is being filed before the issuance of a first Office Action, therefore, Applicant's believe no fee is required. If the Commissioner deems otherwise, th Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: May 7, 2004



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UM-08737  
May 7, 2004

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**INFORMATION DISCLOSURE STATEMENT**

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)**

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By

  
Mary Ellen Waite

Sir or Madam:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

The following printed publications are referred to in the body of the specification:

- Abate-Shen and Shen, Genes Dev. 14:2410 [2000];
- Ruijter *et al.*, Endocr Rev. 20:22 [1999];
- Kalchman *et al.*, Nat.Genet. 16:44 [1997];
- Wanker *et al.*, Hum. Mol. Genet. 6:487 [1997];

- Metzler *et al.*, J. Biol. Chem. 276:39271 [2001];
- Mishra *et al.*, J. Biol. Chem. 276:46230 [2001];
- Rao *et al.*, Mol Cell Biol. 21:7796 [2001];
- Waelter *et al.*, Hum. Mol. Genet. 10:1807 [2001];
- Itoh *et al.*, Science 291:1047 [2001];
- Ford *et al.*, Science 291:1051 [2001]
- Kim *et al.*, Curr Opin. Oncol. 13:506 [2001]
- Davies *et al.*, Nature 417:949 [2002]
- Bos, Cancer Res. 49:4682 [1989]
- Vieira *et al.*, Science 274:2086 [1996]
- DiFiore *et al.*, Cell 106:1 [2001]
- Monks *et al.*, J. Natl. Cancer inst., 83:757 [1991];
- Ross *et al.*, Blood 91:4419 [1998];
- Greenberg *et al.*, PNAS 92:3439 [1995]; and
- Perrone *et al.*, J. Natl. Cancer Inst., 92:937 [2000].

The following publications are referred to in the body of the specification of the corresponding PCT patent application:

- Rao *et al.*, J. Clin Invest. 110:351 [2002];
- Saint-Dic *et al.*, J. Biol. Chem. 276:21192 [2001];
- DiFiore *et al.*, Cell 51:1063 [1987];
- Daley *et al.*, PNAS 85:9312 [1988];
- DiFiore *et al.* Science 237:178 [1987];
- Yarden *et al.*, Nat. Rev. Mol. Cell. Biol. 2:127 [2001];
- Confalonieri *et al.*, J. Cell. Biol. 150:905 [2000]; and
- Fazioli *et al.*, Mol. Cell. Biol. 13:5814 [1993].

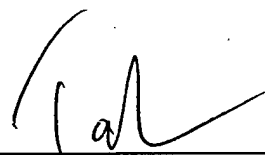
UM-08737  
May 7, 2004

Applicants have become aware of the following printed publications which may be material to the examination of this application:

- WO 00/78813 describes stably transfected cells expressing mutant Huntingtin protein and antibodies that bind to the mutant protein. This publication does not describe an antibody that specifically binds to HIP1 but does not specifically bind to the normal epithelium of prostate or colon, a method of detecting cancer comprising detecting the presence of HIP1, kits for detecting cancer, methods of screening for compounds that alter HIP1 expression, or transgenic animals with altered HIP1 expression; and
- U.S. Patent 6,235,879 describes the HIP1 protein. This publication does not describe a method of detecting cancer comprising detecting the presence of HIP1, kits for detecting cancer, methods of screening for compounds that alter HIP1 expression, or transgenic animals with altered HIP1 expression

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: May 7, 2004



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FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: UM-08737

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INFORMATION ENCLOSURE STATEMENT BY APPLICANT  
(Use Several Sheets If Necessary)Applicant: Theodora Ross *et al.*

Filing Date: 01/29/04

Group Art Unit:

(37 CFR § 1.98(b))

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	1	6,235,879	05/22/01	Kalchman <i>et al.</i>	530	350	05/27/98

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	2	WO 00/78813	28 Dec 2000	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	3	Abate-Shen and Shen, Genes Dev. 14:2410 [2000];
	4	Ruijter <i>et al.</i> , Endocr Rev. 20:22 [1999];
	5	Kalchman <i>et al.</i> , Nat.Genet. 16:44 [1997];
	6	Wanker <i>et al.</i> , Hum. Mol. Genet. 6:487 [1997];
	7	Metzler <i>et al.</i> , J. Biol. Chem. 276:39271 [2001];
	8	Mishra <i>et al.</i> , J. Biol. Chem. 276:46230 [2001];
	9	Rao <i>et al.</i> , Mol Cell Biol. 21:7796 [2001];
	10	Waelter <i>et al.</i> , Hum. Mol. Genet. 10:1807 [2001];
	11	Itoh <i>et al.</i> , Science 291:1047 [2001];
	12	Ford <i>et al.</i> , Science 291:1051 [2001]
	13	Kim <i>et al.</i> , Curr Opin. Oncol. 13:506 [2001]
	14	Davies <i>et al.</i> , Nature 417:949 [2002]
	15	Bos, Cancer Res. 49:4682 [1989]
	16	Vieira <i>et al.</i> , Science 274:2086 [1996]
	17	DiFiore <i>et al.</i> , Cell 106:1 [2001]
	18	Monks <i>et al.</i> , J. Natl. Cancer inst., 83:757 [1991];
	19	Ross <i>et al.</i> , Blood 91:4419 [1998];
	20	Greenberg <i>et al.</i> , PNAS 92:3439 [1995];
	21	Perrone <i>et al.</i> , J. Natl. Cancer Inst., 92:937 [2000]
	22	Rao <i>et al.</i> , J. Clin Invest. 110:351 [2002];
	23	Saint-Dic <i>et al.</i> , J. Biol. Chem. 276:21192 [2001];
	24	DiFiore <i>et al.</i> , Cell 51:1063 [1987];
	25	Daley <i>et al.</i> , PNAS 85:9312 [1988];
	26	DiFiore <i>et al.</i> Science 237:178 [1987];
	27	Yarden <i>et al.</i> , Nat. Rev. Mol. Cell. Biol. 2:127 [2001];
	28	Confalonieri <i>et al.</i> , J. Cell. Biol. 150:905 [2000];
	29	Fazioli <i>et al.</i> , Mol. Cell. Biol. 13:5814 [1993].

Examiner:

Date Considered:

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.